| <br>ex of C |  |
|-------------|--|
|             |  |

| Application No.      | Applicant(s) |  |
|----------------------|--------------|--|
| 09/701,921           |              |  |
| Examiner             | Art Unit     |  |
| Michael N. Opsasnick | 2655         |  |

| - | 7 | Rejected |
|---|---|----------|
|   | П | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| - | Interference |

| - | Α | Appeal   |
|---|---|----------|
|   | 0 | Objected |

|       | .1                                           | _                                                                                                                                          |          |          |          | \-\-         |              |              |          |               |
|-------|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|----------|--------------|--------------|--------------|----------|---------------|
| Cla   | im                                           | Щ                                                                                                                                          |          |          | ᆜ        | Date         | ;            |              |          |               |
| Final | Original                                     | 5/31/05                                                                                                                                    |          |          |          |              |              |              |          |               |
|       | 1<br>2<br>3<br>4<br>5<br>6                   | <<< <ol><li>&lt;&lt;&lt;&lt;&lt;&lt;&lt;&lt;&lt;&lt;&lt;&lt;&lt;&lt;&lt;&lt;&lt;&lt;&lt;&lt;&lt;&lt;&lt;&lt;&lt;&lt;&lt;&lt;&lt;</li></ol> |          |          |          |              |              |              |          |               |
|       | 2                                            | ✓                                                                                                                                          |          |          |          |              |              |              |          |               |
|       | 3                                            | ✓                                                                                                                                          |          |          |          |              |              |              |          | Ц             |
|       | 4                                            | ✓                                                                                                                                          |          |          |          | Щ            |              |              |          |               |
|       | 5                                            | ✓                                                                                                                                          |          |          |          |              |              |              |          | $\perp$       |
|       |                                              | Ϋ́                                                                                                                                         |          |          |          |              | _            | _            |          |               |
|       | 7                                            | Ý                                                                                                                                          |          |          |          |              |              | _            |          | -             |
|       | 8<br>9                                       | 1                                                                                                                                          | _        |          | _        | $\vdash$     |              |              |          | $\dashv$      |
|       | 10                                           | ×                                                                                                                                          | _        |          |          | $\vdash$     |              |              |          |               |
|       | 11                                           | 9                                                                                                                                          |          |          |          | Н            |              |              | _        | $\dashv$      |
|       | 12                                           | ·/                                                                                                                                         |          | Н        |          | H            | -            | -            |          | $\vdash$      |
|       | 13                                           | Ĭ                                                                                                                                          | $\vdash$ | Н        | -        | Н            |              |              |          |               |
|       | 14                                           | Ĭ                                                                                                                                          | _        |          |          |              |              |              |          | П             |
|       | 15                                           | Ť                                                                                                                                          |          |          |          |              |              |              |          |               |
|       | 16                                           |                                                                                                                                            |          |          |          |              |              |              |          |               |
|       | 11<br>12<br>13<br>14<br>15<br>16<br>17<br>18 |                                                                                                                                            |          |          |          |              |              |              |          |               |
|       | 18                                           |                                                                                                                                            |          |          |          |              |              |              |          |               |
|       | 19                                           |                                                                                                                                            |          |          |          |              |              |              |          | Ш             |
|       | 20                                           |                                                                                                                                            |          |          |          |              |              |              |          | Ш             |
|       | 20<br>21<br>22                               |                                                                                                                                            |          |          |          |              |              |              |          | Щ             |
|       | 22                                           | <u> </u>                                                                                                                                   |          |          |          |              |              |              |          |               |
|       | 23<br>24<br>25                               | <u> </u>                                                                                                                                   |          |          | _        | _            |              | _            | _        |               |
|       | 24                                           | ┞                                                                                                                                          | <u> </u> |          | _        | -            |              |              | _        |               |
|       | 25                                           | ⊢                                                                                                                                          |          |          |          | -            |              |              |          |               |
|       | 27                                           | ┢                                                                                                                                          | $\vdash$ | _        |          |              | _            | H            |          |               |
|       | 28                                           | ŀ                                                                                                                                          |          | -        | _        |              | -            | _            |          | Н             |
|       | 26<br>27<br>28<br>29                         | $\vdash$                                                                                                                                   |          |          |          | H            | _            |              |          | Н             |
|       | 30                                           | $\vdash$                                                                                                                                   |          | _        |          |              |              |              |          | $\overline{}$ |
|       | 31                                           | <u> </u>                                                                                                                                   |          |          |          |              |              |              |          | П             |
|       | 31<br>32<br>33                               | П                                                                                                                                          |          |          |          |              |              |              |          |               |
|       | 33                                           |                                                                                                                                            |          |          |          |              |              |              |          |               |
|       | 34<br>35                                     |                                                                                                                                            |          |          |          |              |              |              |          |               |
|       | 35                                           |                                                                                                                                            |          |          |          | $oxed{\Box}$ | $oxed{oxed}$ | L            | L        | Щ             |
|       | 36                                           | <u> </u>                                                                                                                                   |          |          |          | oxdot        |              | <u> </u>     |          | L             |
|       | 37                                           | ऻ_                                                                                                                                         | L        | <u> </u> | <u> </u> | ļ            |              | _            |          | $\vdash$      |
|       | 38                                           | ₩                                                                                                                                          | _        | <u> </u> | $\vdash$ | <u> </u>     | $\vdash$     | <u> </u>     | H        | <u> </u>      |
|       | 39                                           | ⊢                                                                                                                                          | <u> </u> | ļ        | <u> </u> | $\vdash$     | <u> </u>     | <u> </u>     | <u> </u> | $\vdash$      |
|       | 40<br>41                                     | -                                                                                                                                          | <u> </u> |          | $\vdash$ | -            | -            | _            | H        | $\vdash$      |
|       | 41                                           | ┢                                                                                                                                          | $\vdash$ | $\vdash$ | $\vdash$ | -            |              | <del> </del> | $\vdash$ | -             |
|       | 43                                           | ╁╌                                                                                                                                         | ├─       | ┝        | ⊢        | -            | _            | $\vdash$     | $\vdash$ | $\vdash$      |
|       | 44                                           | $\vdash$                                                                                                                                   | $\vdash$ | ┝        | $\vdash$ | $\vdash$     | H            | -            | $\vdash$ |               |
|       | 45                                           | $\vdash$                                                                                                                                   | ┝        | -        | $\vdash$ | -            | -            |              | $\vdash$ | $\vdash$      |
|       | 46                                           | <del>                                     </del>                                                                                           | H        | Н        |          | -            | $\vdash$     | Н            | ┢        |               |
|       | 47                                           | $\vdash$                                                                                                                                   | $\vdash$ | ┢        | Т        | <u> </u>     | $\vdash$     | T            | Ι        | Г             |
|       | 48                                           | <u> </u>                                                                                                                                   | T        | ┢        | Т        | Г            | $\vdash$     | Г            | Т        |               |
|       | 49                                           | $\vdash$                                                                                                                                   |          | _        |          |              |              |              |          |               |
|       | 50                                           |                                                                                                                                            |          |          |          |              |              |              |          |               |

| Cla          | im                                                                               | Date     |          |          |          |          |          |               |          |              |
|--------------|----------------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|---------------|----------|--------------|
|              |                                                                                  |          |          |          |          |          |          |               |          |              |
| <del> </del> | na                                                                               |          |          |          |          |          |          |               |          |              |
| Final        | Original                                                                         |          |          |          |          |          |          |               |          |              |
| -            | 0                                                                                |          |          |          |          |          |          |               |          |              |
|              | 51                                                                               |          |          | _        |          |          |          | $\overline{}$ |          | _            |
|              | 52                                                                               |          |          | _        | Н        | -        |          |               | $\neg$   |              |
|              | 53                                                                               |          |          |          | Н        |          |          | _             |          | _            |
|              | 54                                                                               |          |          |          |          | -        |          |               | _        | _            |
|              | 51<br>52<br>53<br>54<br>55<br>56                                                 | $\neg$   | _        | _        |          | -        |          |               |          |              |
|              | 56                                                                               |          |          |          | -        | -        |          |               |          |              |
| $\vdash$     | 57                                                                               | _        |          | H        | Н        | _        |          |               | $\vdash$ | _            |
|              | 58                                                                               | _        |          | $\vdash$ | Н        | $\neg$   | _        |               |          | _            |
| $\vdash$     | 58<br>59                                                                         |          |          |          |          |          |          |               |          | <del> </del> |
|              | 60                                                                               |          | _        | -        |          |          |          | $\vdash$      |          | _            |
| -            | 61                                                                               |          | _        | $\vdash$ | $\vdash$ |          |          | -             |          | _            |
| -            | 61<br>62<br>63                                                                   |          | -        | $\vdash$ | Н        | -        |          | H             | $\vdash$ | _            |
|              | 62                                                                               | $\vdash$ | -        |          |          | $\vdash$ |          | -             | $\vdash$ |              |
| $\vdash$     | 64                                                                               | -        | -        | $\vdash$ | $\vdash$ | $\vdash$ |          | -             | $\vdash$ |              |
|              | 65                                                                               |          | _        | ┝        |          |          | $\vdash$ |               | $\vdash$ |              |
|              | 66                                                                               |          |          | -        | _        | _        |          | _             | -        |              |
|              | 60                                                                               | _        | _        | -        |          |          |          |               | Н        |              |
|              | 60                                                                               |          |          | H        | $\vdash$ | _        | _        |               | $\vdash$ | _            |
|              | 64<br>65<br>66<br>67<br>68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77 | $\vdash$ |          | $\vdash$ | <u> </u> |          |          | _             | Н        | -            |
|              | 69                                                                               | _        | _        | ⊢        | -        | _        |          |               |          | -            |
| ļ            | 70                                                                               |          |          | <u> </u> | $\vdash$ |          |          |               | _        |              |
|              | 71                                                                               |          | _        | <u> </u> | $\vdash$ | $\vdash$ |          |               |          |              |
| <u></u>      | 72                                                                               |          |          | ļ        | _        | _        |          |               |          |              |
| <u></u>      | 73                                                                               |          |          | <u> </u> | L_       |          | _        | <u> </u>      |          | -            |
|              | 74                                                                               |          |          | _        | _        | _        |          | L             |          |              |
|              | 75                                                                               |          |          |          | L        |          |          | L             |          | ļ            |
|              | 76                                                                               |          | _        | ļ        | ļ        |          | _        | $\vdash$      |          |              |
|              | 77                                                                               |          | L.,      | _        | _        |          | <u> </u> |               |          | _            |
|              | 78                                                                               |          |          | _        |          | _        | _        | _             |          |              |
| <u> </u>     | 79                                                                               | _        |          | _        |          | -        | _        | <u> </u>      |          | ļ            |
| L            | 80<br>81                                                                         | _        |          | _        | _        | _        | _        | _             |          | <u> </u>     |
|              | 81                                                                               |          |          |          |          | _        | _        | ļ             | $\vdash$ | $\vdash$     |
| <u> </u>     | 82<br>83                                                                         | <u> </u> |          |          |          |          | _        | <u> </u>      | _        |              |
| <u> </u>     | 83                                                                               |          | _        | <u> </u> | ļ        | _        | _        | <u> </u>      | _        | ļ            |
| <u> </u>     | 84                                                                               | _        | <u> </u> | ├             | $\vdash$ | <u> </u>     |
| L            | 85                                                                               | <u> </u> | L.       | <u> </u> | <u> </u> | ldash    | <u> </u> | <u> </u>      |          | <u> </u>     |
|              | 86                                                                               | _        | L_       | <u> </u> | <u> </u> | <u> </u> |          | _             |          | <u> </u>     |
|              | 87                                                                               |          | <u> </u> | ⊢        | ⊢        | <u> </u> | ļ        | <u> </u>      | H        | <u> </u>     |
| <u> </u>     | 88                                                                               | ļ        |          | <u> </u>      | <u> </u> | <u> </u>     |
| <u></u>      | 89                                                                               | <u> </u> |               | $\vdash$ | <u> </u>     |
| <u></u>      | 90                                                                               |          |          |          | <u> </u> | <u> </u> | <u> </u> | <u> </u>      | L        | _            |
| <u></u>      | 91                                                                               | L.       |          |          | <u> </u> | L.       | ļ        |               | <u> </u> | ╙            |
| L            | 92                                                                               | <u> </u> | L        | _        | _        | <u> </u> | L_       | <u> </u>      | <u> </u> | <u> </u>     |
|              | 93                                                                               | <u> </u> | <u> </u> | $\vdash$ | _        | _        | <u> </u> | <u> </u>      | <u> </u> | <u> </u>     |
| L            | 94                                                                               | <u> </u> |          | _        | L        |          |          | <u> </u>      | <u> </u> | <u> </u>     |
|              | 95                                                                               |          | L        |          |          | <u> </u> | oxdot    | <u> </u>      |          | <u> </u>     |
|              | 96                                                                               |          |          | Ĺ        | L.       | L        | <u> </u> | _             |          |              |
|              | 97                                                                               |          |          |          | Ĺ        |          |          |               |          |              |
|              | 98                                                                               | L        | L        | Ĺ        | L        | L        |          |               |          | 匚            |
|              | 99                                                                               |          |          |          |          |          |          | L             |          |              |
|              | 100                                                                              |          |          |          |          |          |          |               |          | <u> </u>     |

| Cla   | aim               | Date         |              |            |              |          |              |                                              |          |           |
|-------|-------------------|--------------|--------------|------------|--------------|----------|--------------|----------------------------------------------|----------|-----------|
| Final | Original          |              |              |            |              |          |              |                                              |          |           |
|       | 101               | Н            |              |            |              |          |              |                                              |          | П         |
|       | 101<br>102        |              |              |            |              |          |              |                                              |          |           |
|       | 103               |              |              |            |              |          |              | _                                            |          | Ш         |
|       | 104               |              |              |            |              | <u> </u> |              | _                                            |          | Н         |
|       | 105<br>106        |              |              | _          |              | _        | $\vdash$     |                                              | -        | H         |
|       | 107               |              |              |            |              |          |              |                                              | _        | $\vdash$  |
|       | 108               |              |              |            |              |          |              |                                              |          | $\vdash$  |
|       | 109               |              |              |            |              |          |              |                                              |          |           |
|       | 110               |              |              |            |              |          |              |                                              |          |           |
|       | 111               | $oxed{oxed}$ |              |            |              | _        |              |                                              |          | Ш         |
|       | 112<br>113        | <u> </u>     | -            |            |              | -        |              |                                              |          | Н         |
|       | 113               | $\vdash$     | Н            |            |              | H        | <u> </u>     |                                              |          | Н         |
|       | 115               | $\vdash$     | H            | _          | -            | ├-       | $\vdash$     |                                              | -        | $\vdash$  |
|       | 116               |              | $\dashv$     |            |              | $\vdash$ | -            |                                              |          | Н         |
|       | 117               | _            |              |            |              |          |              |                                              |          | П         |
|       | 118               |              |              |            |              |          |              |                                              |          |           |
|       | 119               |              |              |            |              |          |              |                                              |          | Ц         |
|       | 120<br>121<br>122 |              |              |            |              | <u> </u> | _            | _                                            | <u> </u> | Щ         |
|       | 121               |              |              |            | -            | ┝        |              | _                                            | _        | Н         |
|       | 122               |              |              |            | -            |          |              |                                              | <u> </u> | Н         |
|       | 123<br>124<br>125 |              | _            | _          | H            | -        | $\vdash$     |                                              | $\vdash$ | Н         |
|       | 125               |              |              | _          |              |          |              |                                              | -        | H         |
|       | 126               |              |              |            |              |          |              |                                              |          |           |
|       | 126<br>127        |              |              |            |              |          |              |                                              |          |           |
|       | 128<br>129        |              |              |            |              | <u> </u> | L            |                                              |          | Ш         |
|       | 129               | ļ            | _            |            | L            | _        | <u> </u>     |                                              |          | $\square$ |
|       | 130<br>131        | -            | $\vdash$     |            | $\vdash$     | -        | -            | -                                            |          | Н         |
|       | 132               | ⊢            | -            | -          | ┢            | ┢        | $\vdash$     |                                              | $\vdash$ | Н         |
|       | 133               | ┢╌           | <del> </del> |            | $\vdash$     |          | $\vdash$     |                                              | $\vdash$ | Н         |
|       | 134               |              | _            |            |              |          |              |                                              | $\vdash$ | П         |
|       | 134<br>135        |              |              |            |              |          |              |                                              |          |           |
|       | 136               |              |              |            | L_           | _        |              |                                              |          |           |
|       | 137<br>138        | ┡            |              |            | _            | _        | ļ            | -                                            | _        | Ш         |
|       | 138               | -            | ⊢            | <u> </u>   | _            | ļ —      | ⊢            | ┡                                            |          | $\vdash$  |
|       | 140               | 1            | ⊢            | -          | -            |          | -            | $\vdash$                                     | $\vdash$ | $\vdash$  |
|       | 141               | $\vdash$     | ┢            | -          | -            |          |              | -                                            | -        | H         |
|       | 142               |              |              |            | $\vdash$     | T        |              | Т                                            | T        | П         |
|       | 143               |              |              |            |              |          |              |                                              |          |           |
|       | 144               |              |              |            |              |          |              |                                              |          | Ш         |
|       | 145               |              |              | L          | _            | L        | _            | L                                            | _        | Ш         |
|       | 146               | _            | Ŀ            | lacksquare | L            | -        | <del> </del> | <u> </u>                                     | <u> </u> | Н         |
|       | 147               | ⊢            | $\vdash$     | $\vdash$   | -            | $\vdash$ | $\vdash$     | ⊢                                            | -        | Н         |
|       | 148<br>149        | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash$     | -        | ╁            | ├                                            | $\vdash$ | Н         |
|       | 150               | $\vdash$     |              | ┝          | <del> </del> | $\vdash$ | $\vdash$     | $\vdash$                                     | $\vdash$ | Н         |
|       |                   | 1            | Щ            | Ь          | Ц.           | L        | Ь            | <u>.                                    </u> | Ь—       | لـــــا   |